

Constructions of Non-SUSY String Vacua with Vanishing Cosmological Constant

Friday, 9 December 2022 13:00 (40 minutes)

In this talk, I discuss how one can systematically construct non-supersymmetric string vacua with vanishing cosmological constant at one loop, founded mainly on a series of my works. After making a review of related studies, I present the constructions of the string vacua possessing such a property based on the asymmetric orbifolds in various CFT set-ups. We further discuss the physical aspects of these vacua.

Primary author: Prof. SUGAWARA, Yuji (Ritsumeikan University)

Presenter: Prof. SUGAWARA, Yuji (Ritsumeikan University)

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